

chain nodes :

1 2 3 4 5 6 15 16

ring nodes :

9 10 11 12 13 14

ring/chain nodes :

17

chain bonds :

1-2 2-3 2-4 4-5 5-6 6-10 15-16 15-17

ring bonds :

9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

1-2 2-3 5-6 15-16 15-17

exact bonds :

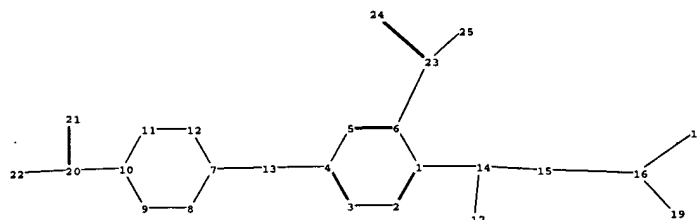
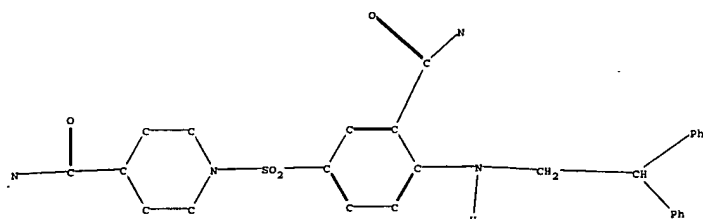
2-4 4-5 6-10

normalized bonds :

9-10 9-14 10-11 11-12 12-13 13-14

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS



chain nodes :

13 14 15 16 17 18 19 20 21 23 24

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

ring/chain nodes :

22 25

chain bonds :

1-14 4-13 6-23 7-13 10-20 14-15 14-17 15-16 16-18 16-19 20-21 20-22 23-24
23-25

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

1-14 7-8 7-12 7-13 8-9 9-10 10-11 11-12 20-21 20-22 23-24 23-25

exact bonds :

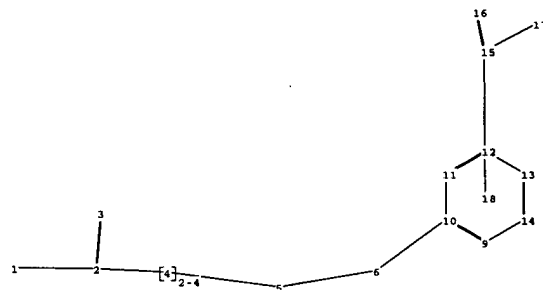
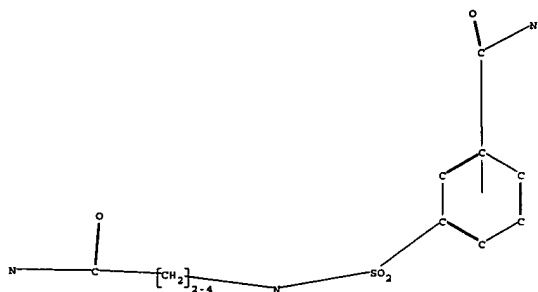
4-13 6-23 10-20 14-15 14-17 15-16 16-18 16-19

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS



chain nodes :

1 2 3 4 5 6 15 16

ring nodes :

9 10 11 12 13 14

ring/chain nodes :

17

chain bonds :

1-2 2-3 2-4 4-5 5-6 6-10 15-16 15-17

ring bonds :

9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

1-2 2-3 5-6 15-16 15-17

exact bonds :

2-4 4-5 6-10

normalized bonds :

9-10 9-14 10-11 11-12 12-13 13-14

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS

PCT/US02/35173

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1611txm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUIDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUIDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available
NEWS	39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS	41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS	42	Jan 29	Simultaneous left and right truncation added to COMPENDEX,

Thomas McKenzie 2/21/03

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* * * * * STN Columbus * * * * *

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:54:24 ON 24 FEB 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

```
STRUCTURE FILE UPDATES:    23 FEB 2003    HIGHEST RN 494189-41-2
DICTIONARY FILE UPDATES:  23 FEB 2003    HIGHEST RN 494189-41-2
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TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

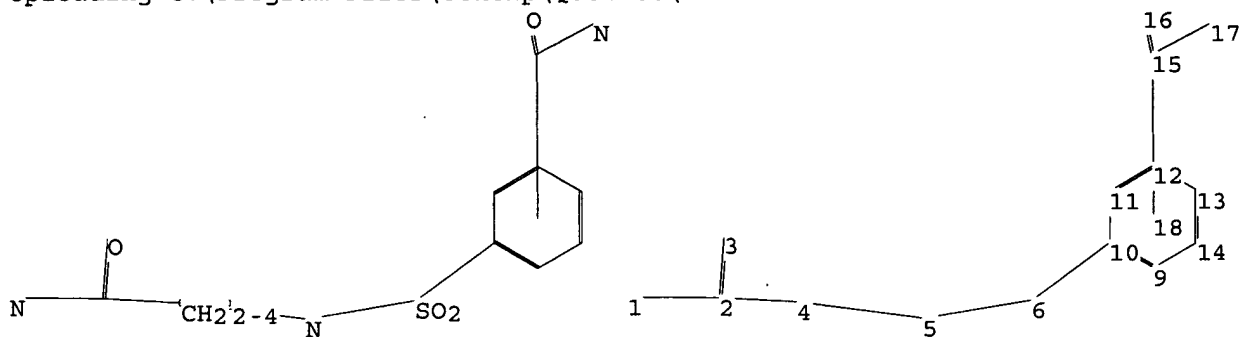
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

 \Rightarrow

PCT/US02/35173

Uploading C:\Program Files\Stnexp\Queries\10009009a.str



chain nodes :

1 2 3 4 5 6 15 16

ring nodes :

9 10 11 12 13 14

ring/chain nodes :

17

chain bonds :

1-2 2-3 2-4 4-5 5-6 6-10 15-16 15-17

ring bonds :

9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

1-2 2-3 5-6 15-16 15-17

exact bonds :

2-4 4-5 6-10

normalized bonds :

9-10 9-14 10-11 11-12 12-13 13-14

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 17:55:16 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 513 TO ITERATE

100.0% PROCESSED 513 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 8902 TO 11618

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

Thomas McKenzie 2/21/03

PCT/US02/35173

=> s l1 sss full

FULL SEARCH INITIATED 17:55:37 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9614 TO ITERATE

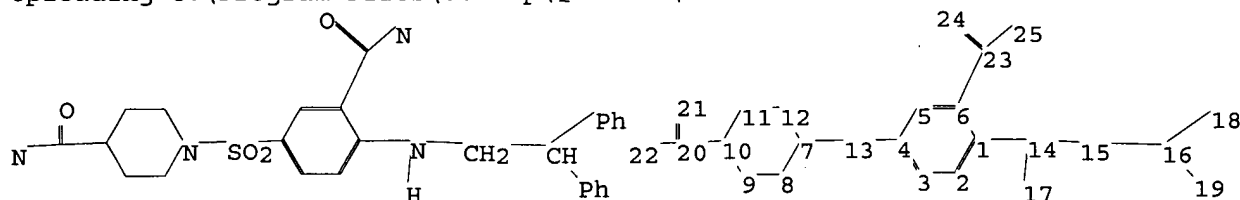
100.0% PROCESSED 9614 ITERATIONS
SEARCH TIME: 00.00.02

0 ANSWERS

L3 0 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10009009.str



chain nodes :

13 14 15 16 17 18 19 20 21 23 24

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

ring/chain nodes :

22 25

chain bonds :

1-14 4-13 6-23 7-13 10-20 14-15 14-17 15-16 16-18 16-19 20-21 20-22
23-24 23-25

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

1-14 7-8 7-12 7-13 8-9 9-10 10-11 11-12 20-21 20-22 23-24 23-25

exact bonds :

4-13 6-23 10-20 14-15 14-17 15-16 16-18 16-19

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS

L4 STRUCTURE UPLOADED

=> s l3 sss full

FULL SEARCH INITIATED 17:57:39 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9614 TO ITERATE

100.0% PROCESSED 9614 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

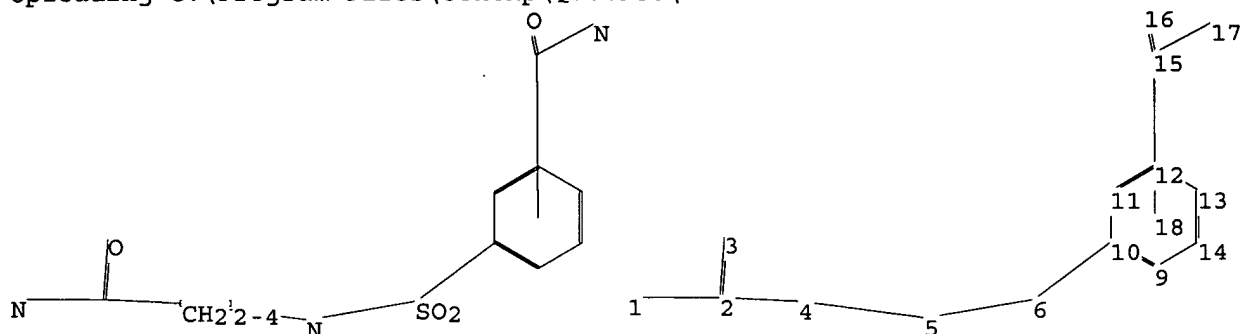
L5 0 SEA SSS FUL L1

Thomas McKenzie 2/21/03

PCT/US02/35173

=>

Uploading C:\Program Files\Stnexp\Queries\10009009a.str



chain nodes :

1 2 3 4 5 6 15 16

ring nodes :

9 10 11 12 13 14

ring/chain nodes :

17

chain bonds :

1-2 2-3 2-4 4-5 5-6 6-10 15-16 15-17

ring bonds :

9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

1-2 2-3 5-6 15-16 15-17

exact bonds :

2-4 4-5 6-10

normalized bonds :

9-10 9-14 10-11 11-12 12-13 13-14

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS

L6 STRUCTURE UPLOADED

=> s 16 sss full

FULL SEARCH INITIATED 17:58:46 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 9614 TO ITERATE

100.0% PROCESSED 9614 ITERATIONS

7 ANSWERS

SEARCH TIME: 00.00.01

L7

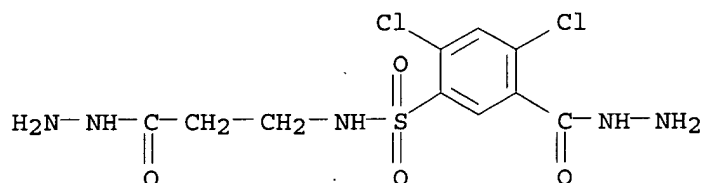
7 SEA SSS FUL L6

=> d 1-7 ide cbib

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PCT/US02/35173

L7 ANSWER 1 OF 7 REGISTRY COPYRIGHT 2003 ACS
RN 145616-10-0 REGISTRY
CN Benzoic acid, 2,4-dichloro-5-[[(3-hydrazino-3-oxopropyl) amino]sulfonyl]-, hydrazide (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C10 H13 Cl2 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 118:81387 Synthesis and fungicidal activity of some new of 2,4-dichlorobenzoic acid-5-sulfonyl amino acid derivatives. El-Sayed, Ragab A.; Khalaf, N. S.; Kora, F. A.; Badie, M. F. (Fac. Sci., Al-Azhar Univ. Nasr-City, Cairo, Egypt). Journal of the Chemical Society of Pakistan, 14(1), 49-53 (English) 1992. CODEN: JCSPDF. ISSN: 0253-5106.

L7 ANSWER 2 OF 7 REGISTRY COPYRIGHT 2003 ACS

RN 105047-64-1 REGISTRY

CN Serine, N-[N-[[5-[[[1-(hydroxymethyl)-2-methoxy-2-oxoethyl]amino]carbonyl]-2-methylphenyl]sulfonyl]-β-alanyl]-, methyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

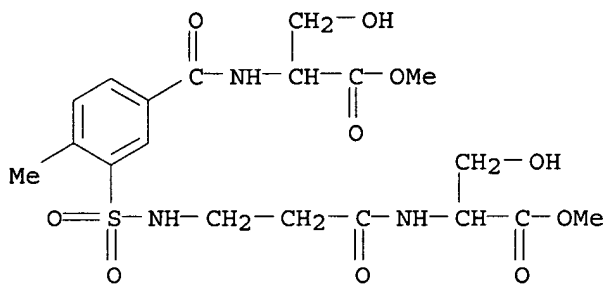
CN DL-Serine, N-[N-[[5-[[[1-(hydroxymethyl)-2-methoxy-2-oxoethyl]amino]carbonyl]-2-methylphenyl]sulfonyl]-β-alanyl]-, methyl ester

FS 3D CONCORD

MF C19 H27 N3 O10 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 105:191588 The synthesis and biological activity of some new 3-carboxy-4-methyl- and 2-methyl-5-carboxybenzenesulfonylamino acid derivatives. Zaher, M. R.; Ismail, I. M.; El-Hakim, M. H.; El-Naggar, A. M. (Fac. Sci., Al-Azhar Univ., Nasr, Egypt). Journal of the Serbian Chemical Society, 50(11-12), 517-22 (English) 1985. CODEN: JSCSEN. ISSN: 0352-5139.

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L7 ANSWER 3 OF 7 REGISTRY COPYRIGHT 2003 ACS

RN 105047-63-0 REGISTRY

CN Serine, N-[N-[[3-[[[1-(hydroxymethyl)-2-methoxy-2-oxoethyl]amino]carbonyl]-4-methylphenyl]sulfonyl]-β-alanyl]-, methyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

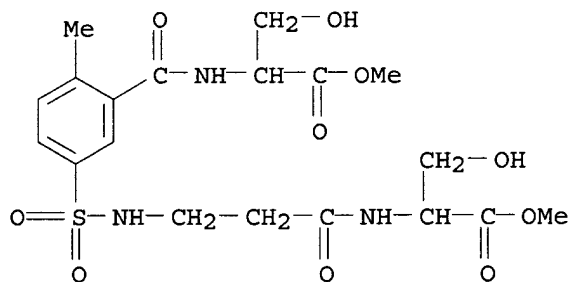
CN DL-Serine, N-[N-[[3-[[[1-(hydroxymethyl)-2-methoxy-2-oxoethyl]amino]carbonyl]-4-methylphenyl]sulfonyl]-β-alanyl]-, methyl ester

FS 3D CONCORD

MF C19 H27 N3 O10 S

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

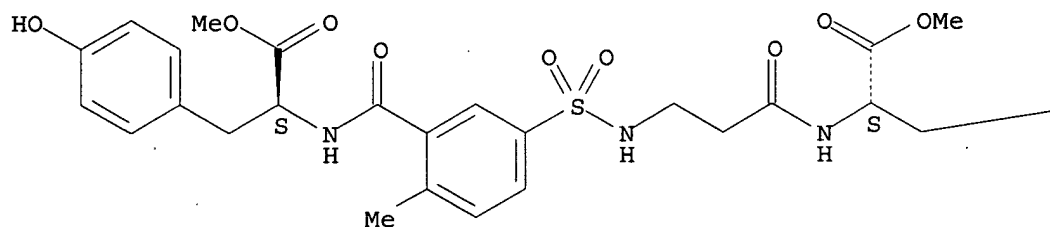
REFERENCE 1: 105:191588 The synthesis and biological activity of some new 3-carboxy-4-methyl- and 2-methyl-5-carboxybenzenesulfonylamino acid derivatives. Zaher, M. R.; Ismail, I. M.; El-Hakim, M. H.; El-Naggar, A. M. (Fac. Sci., Al-Azhar Univ., Nasr, Egypt). Journal of the Serbian Chemical Society, 50(11-12), 517-22 (English) 1985. CODEN: JSCSEN. ISSN: 0352-5139.

PCT/US02/35173

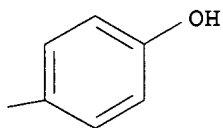
L7 ANSWER 4 OF 7 REGISTRY COPYRIGHT 2003 ACS
RN 105028-15-7 REGISTRY
CN L-Tyrosine, N-[N-[[3-[[[1-[(4-hydroxyphenyl)methyl]-2-methoxy-2-oxoethyl]amino]carbonyl]-4-methylphenyl]sulfonyl]-β-alanyl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H35 N3 O10 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



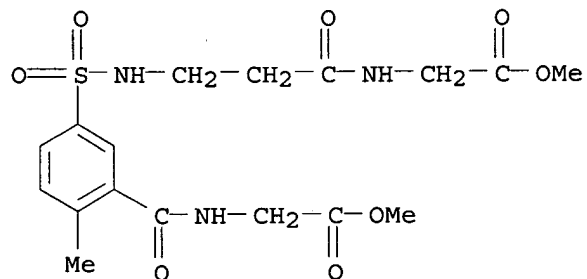
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 105:191588 The synthesis and biological activity of some new 3-carboxy-4-methyl- and 2-methyl-5-carboxybenzenesulfonylamino acid derivatives. Zaher, M. R.; Ismail, I. M.; El-Hakim, M. H.; El-Naggar, A. M. (Fac. Sci., Al-Azhar Univ., Nasr, Egypt). Journal of the Serbian Chemical Society, 50(11-12), 517-22 (English) 1985. CODEN: JSCSEN. ISSN: 0352-5139.

PCT/US02/35173

L7 ANSWER 5 OF 7 REGISTRY COPYRIGHT 2003 ACS
RN 105028-14-6 REGISTRY
CN Glycine, N-[N-[[3-[[[(2-methoxy-2-oxoethyl)amino]carbonyl]-4-methylphenyl]sulfonyl]-β-alanyl]-, methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C17 H23 N3 O8 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

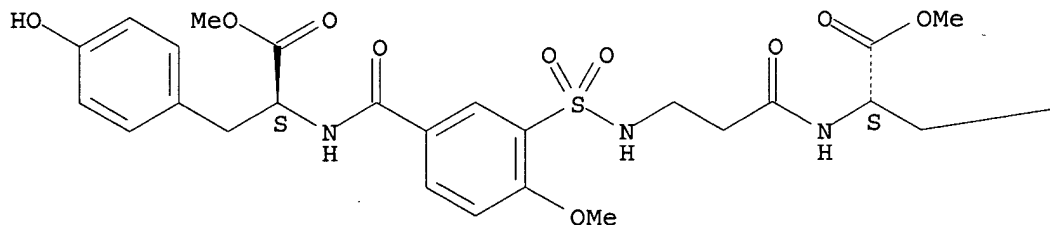
REFERENCE 1: 105:191588 The synthesis and biological activity of some new 3-carboxy-4-methyl- and 2-methyl-5-carboxybenzenesulfonylamino acid derivatives. Zaher, M. R.; Ismail, I. M.; El-Hakim, M. H.; El-Naggar, A. M. (Fac. Sci., Al-Azhar Univ., Nasr, Egypt). Journal of the Serbian Chemical Society, 50(11-12), 517-22 (English) 1985. CODEN: JSCSEN. ISSN: 0352-5139.

PCT/US02/35173

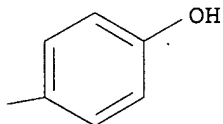
L7 ANSWER 6 OF 7 REGISTRY COPYRIGHT 2003 ACS
RN 85622-68-0 REGISTRY
CN L-Tyrosine, N-[N-[[[5-[[[1-[(4-hydroxyphenyl)methyl]-2-methoxy-2-oxoethyl]amino]carbonyl]-2-methoxyphenyl]sulfonyl]-β-alanyl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C31 H35 N3 O11 S
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



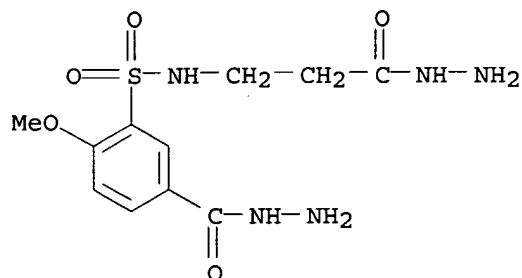
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 98:198706 Synthesis of anisic acid and anisolesulfonylamino acid derivatives. El-Naggar, A. M.; Gaffar, M. M. (Fac. Sci., Al-Azhar Univ., Cairo, Egypt). Pakistan Journal of Scientific and Industrial Research, 25(5), 157-61 (English) 1982. CODEN: PSIRAA. ISSN: 0030-9885.

PCT/US02/35173

L7 ANSWER 7 OF 7 REGISTRY COPYRIGHT 2003 ACS
RN 85622-64-6 REGISTRY
CN Benzoic acid, 3-[[[(3-hydrazino-3-oxopropyl)amino]sulfonyl]-4-methoxy-,
hydrazide (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C11 H17 N5 O5 S
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 98:198706 Synthesis of anisic acid and anisolesulfonylamino acid derivatives. El-Naggar, A. M.; Gaffar, M. M. (Fac. Sci., Al-Azhar Univ., Cairo, Egypt). Pakistan Journal of Scientific and Industrial Research, 25(5), 157-61 (English) 1982. CODEN: PSIRAA. ISSN: 0030-9885.

PCT/US02/35173

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:.

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

465.73

465.94

STN INTERNATIONAL LOGOFF AT 18:00:12 ON 24 FEB 2003